

STN Columbus

FILE 'STNGUIDE' ENTERED AT 07:13:35 ON 15 MAY 2006

FILE 'REGISTRY' ENTERED AT 07:23:52 ON 15 MAY 2006

L10 STRUCTURE UPLOADED

L11 7 S L10 SAM SUB=L7

FILE 'STNGUIDE' ENTERED AT 07:29:17 ON 15 MAY 2006

FILE 'REGISTRY' ENTERED AT 07:33:38 ON 15 MAY 2006

L12 STRUCTURE UPLOADED

L13 1 S L12 SAM SUB=L7

L14 3 S L12 SSS FULL SUB=L7

FILE 'CA' ENTERED AT 07:35:35 ON 15 MAY 2006

=> s l14

L15 2 L14

=> d l15 bib

L15 ANSWER 1 OF 2 CA COPYRIGHT 2006 ACS on STN

Full Text

AN 143:376395 CA

TI Hydrazone-based charge-transport materials for organic electrophotographic photoreceptors

IN Jubran, Nusrallah; Tokarski, Zbigniew; Getautis, Vytautas; Daskeviciene, Maryte; Malinauskas, Tadas; Sidaravicius, Jonas; Jankauskas, Vygintas

PA USA

SO U.S. Pat. Appl. Publ., 17 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 2005221213	A1	20051006	US 2004-815243	20040331
	CN 1677251	A	20051005	CN 2005-10052117	20050225
	EP 1584985	A2	20051012	EP 2005-251130	20050225
	EP 1584985	A3	20051109		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU				
	JP 2005292836	A2	20051020	JP 2005-104673	20050331
PRAI	US 2004-815243	A	20040331		

=> s l15 bib 2

MISSING OPERATOR L15 BIB

The search profile that was entered contains terms or nested terms that are not separated by a logical operator.

=> d l15 bib 2

L15 ANSWER 2 OF 2 CA COPYRIGHT 2006 ACS on STN

Full Text

AN 143:115341 CA

TI Preparation of organophotoreceptors with charge transport materials having three linked hydrazone groups

IN Tokarski, Zbigniew; Paulauskaite, Ingrida; Sidaravicius, Jonas; Jubran, Nusrallah; Jankauskas, Vygintas; Getautis, Vytautas

PA Samsung Electronics Co., Ltd., S. Korea

SO Eur. Pat. Appl., 25 pp.

BEST AVAILABLE COPY

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CODEN: EPXXDW
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1550653	A1	20050706	EP 2004-257415	20041130
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR, IS, YU				
	US 2005147903	A1	20050707	US 2003-749418	20031231
	CN 1637626	A	20050713	CN 2004-10098242	20041130
	JP 2005196201	A2	20050721	JP 2005-284	20050104
PRAI	US 2003-749418	A	20031231		
OS	MARPAT 143:115341				
RE.CNT	4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD				
	ALL CITATIONS AVAILABLE IN THE RE FORMAT				

=> d hitstr

L15 ANSWER 1 OF 2 CA COPYRIGHT 2006 ACS on STN

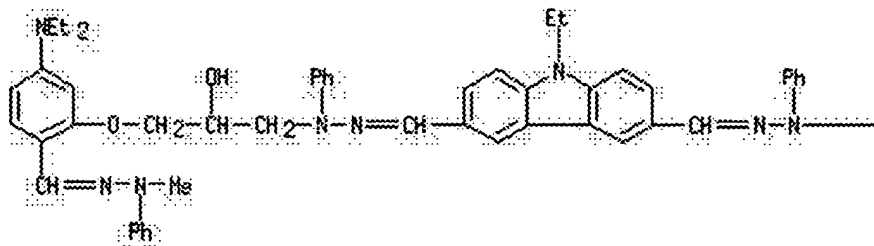
IT 866409-35-0P 866409-36-1P

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
 (hydrazone-based charge-transport materials for org. electrophotog. photoreceptors for high quality images)

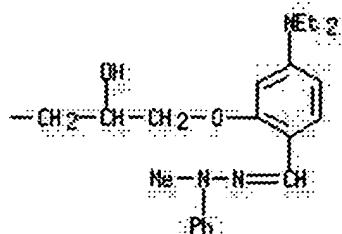
RN 866409-35-0 CA

CN 9H-Carbazole-3,6-dicarboxaldehyde, 9-ethyl-, bis[[3-[5-(diethylamino)-2-[(methylphenylhydrazono)methyl]phenoxy]-2-hydroxypropyl]phenylhydrazone] (9CI) (CA INDEX NAME)

PAGE 1-A



PAGE 1-B

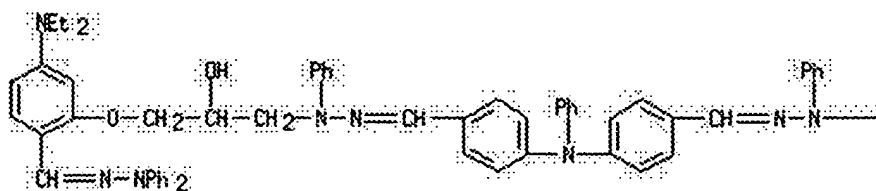


RN 866409-36-1 CA

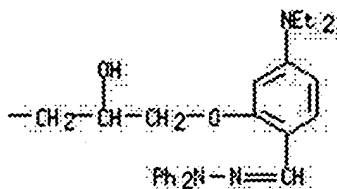
CN Benzaldehyde, 4,4'-(phenylimino)bis-, bis[[3-[5-(diethylamino)-2-[(diphenylhydrazono)methyl]phenoxy]-2-hydroxypropyl]phenylhydrazone] (9CI)

(CA INDEX NAME)

PAGE 1-A



PAGE 1-B



=> d hitstr 2

L15 ANSWER 2 OF 2 CA COPYRIGHT 2006 ACS on STN

IT 857520-87-7P

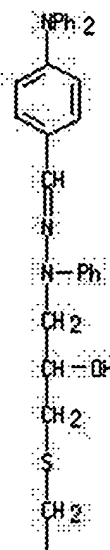
RL: DEV (Device component use); PRP (Properties); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)

(prepn. of organophotoreceptors with charge transport materials having three linked hydrazone groups)

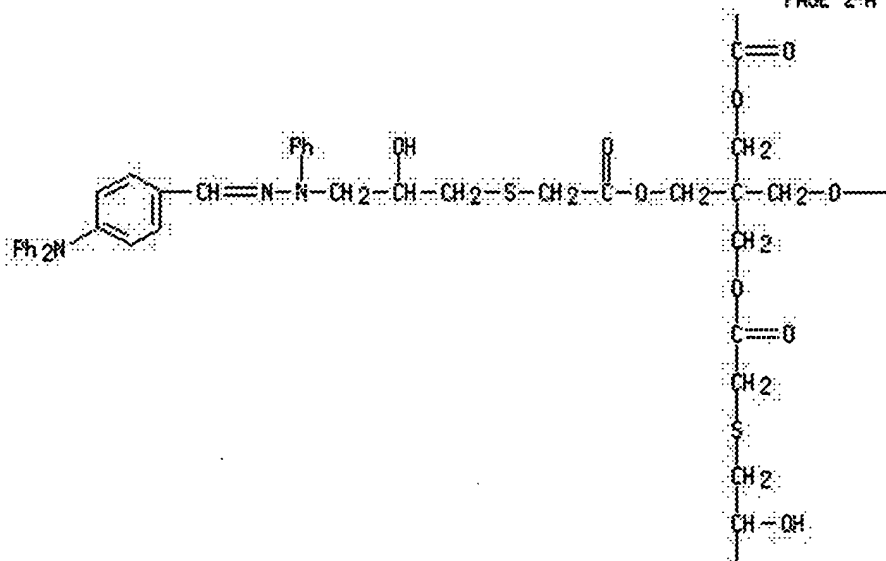
RN 857520-87-7 CA

CN Acetic acid, [[3-[[[4-(diphenylamino)phenyl]methylene]phenylhydrazino]-2-hydroxypropyl]thio]-, 2,2-bis[[[[[3-[[[4-(diphenylamino)phenyl]methylene]phenylhydrazino]-2-hydroxypropyl]thio]acetyl]oxy]methyl]-1,3-propanediyl ester (9CI) (CA INDEX NAME)

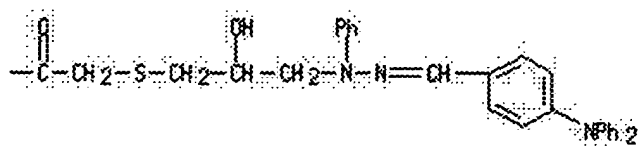
PAGE 1-A



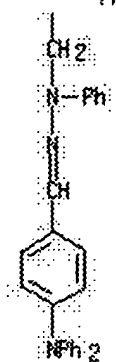
PAGE 2-A



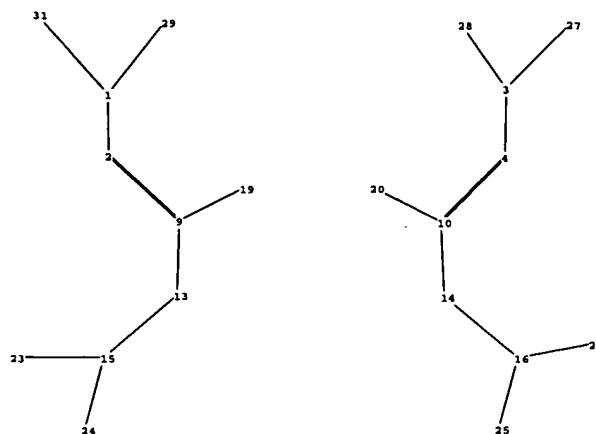
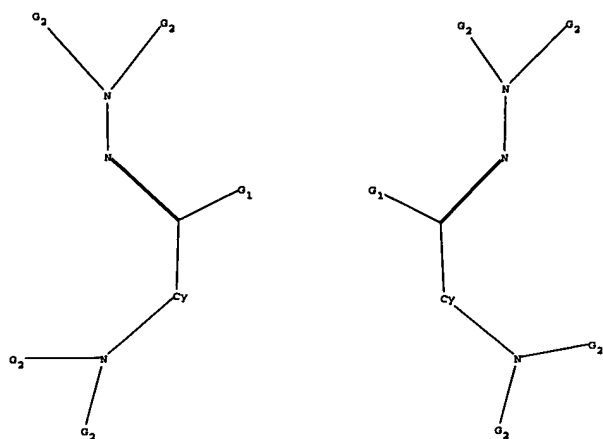
PAGE 2-B



PAGE 3-A



=>



chain nodes :

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 19 20 23 24 25 26 27 28
29 31

chain bonds :

1-2 1-29 1-31 2-9 3-4 3-27 3-28 4-10 5-6 6-11 7-8 8-12 9-13 9-19 10-14 10-20
12-17 13-15 14-16 15-23 15-24 16-25 16-26

exact/norm bonds :

1-2 1-29 1-31 2-9 3-4 3-27 3-28 4-10 5-6 6-11 7-8 8-12 9-13 9-19 10-14 10-20
12-17 13-15 14-16 15-23 15-24 16-25 16-26

G1:H,Cy,Ak

G2:Cy,Ak

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:Atom 14:Atom 15:CLASS 16:CLASS 17:Atom 19:CLASS 20:CLASS
23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 31:CLASS

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* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JAN 17 Pre-1988 INPI data added to MARPAT
NEWS 4 FEB 21 STN AnaVist, Version 1.1, lets you share your STN AnaVist
visualization results
NEWS 5 FEB 22 The IPC thesaurus added to additional patent databases on STN
NEWS 6 FEB 22 Updates in EPFULL; IPC 8 enhancements added
NEWS 7 FEB 27 New STN AnaVist pricing effective March 1, 2006
NEWS 8 MAR 03 Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 9 MAR 08 X.25 communication option no longer available after June 2006
NEWS 10 MAR 22 EMBASE is now updated on a daily basis
NEWS 11 APR 03 New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS 12 APR 03 Bibliographic data updates resume; new IPC 8 fields and IPC
thesaurus added in PCTFULL
NEWS 13 APR 04 STN AnaVist \$500 visualization usage credit offered
NEWS 14 APR 12 LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS 15 APR 12 Improved structure highlighting in FQHIT and QHIT display
in MARPAT
NEWS 16 APR 12 Derwent World Patents Index to be reloaded and enhanced during
second quarter; strategies may be affected
NEWS 17 MAY 10 CA/CAPLUS enhanced with 1900-1906 U.S. patent records
NEWS 18 MAY 11 KOREAPAT updates resume

NEWS EXPRESS FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
<http://download.cas.org/express/v8.0-Discover/>

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NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

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* * * * *

COMPLETE THE STN SURVEY - APRIL 27 THROUGH MAY 31

Dear valued STN customer,

In an effort to enhance your experience with STN, we would
like to better understand what you find useful. Please take
approximately 5 minutes to complete a web survey.

If you provide us with your name, login ID, and e-mail address, you
will be entered in a drawing to win a free iPod(R). Your responses
will be kept confidential and will help us make future improvements
to STN.

STN Columbus

Take survey: <http://www.zoomerang.com/survey.zgi?p=WEB2259HNKWTUW>

Thank you in advance for your participation.

* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 06:52:48 ON 15 MAY 2006

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 06:53:03 ON 15 MAY 2006

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 14 MAY 2006 HIGHEST RN 884198-07-6

DICTIONARY FILE UPDATES: 14 MAY 2006 HIGHEST RN 884198-07-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TS/CA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading structure

L1 STRUCTURE UPLOADED

=> s sam 11

SAMPLE SEARCH INITIATED 06:54:08 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 966 TO ITERATE

100.0% PROCESSED 966 ITERATIONS

11 ANSWERS

SEARCH TIME: 00.00.01

STN Columbus

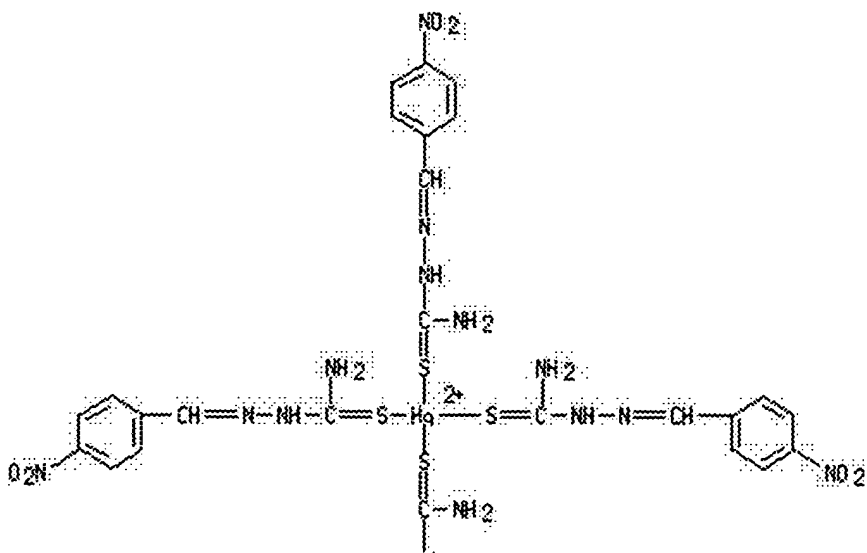
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 17456 TO 21184
 PROJECTED ANSWERS: 22 TO 418

L2 11 SEA SSS SAM L1

=> d scan

L2 11 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Mercury(2+), tetrakis[2-[(4-nitrophenyl)methylene]hydrazinecarbothioamide-
 S]-, dichloride, (T-4)- (9CI)
 MF C32 H32 Hg N16 O8 S4 . 2 Cl
 CI CCS

PAGE 1-A



PAGE 2-A

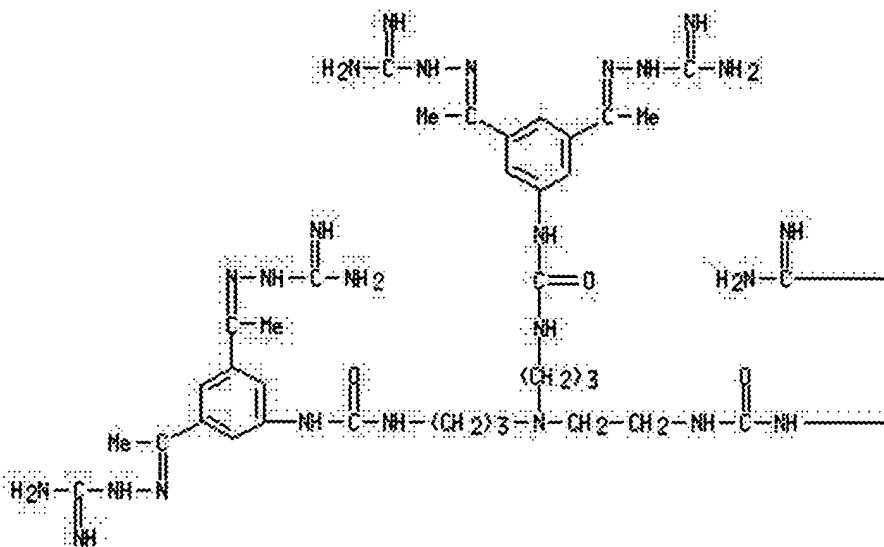


* 2 Cl⁻

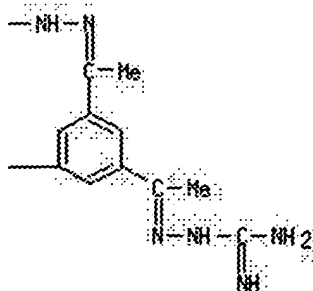
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L2 11 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Hydrazinecarboximidamide, 2,2',2'',2'''-[[[2-[[[3,5-bis[1-
 [(aminoiminomethyl)hydrazono]ethyl]phenyl]amino]carbonyl]amino]ethyl]imino
]bis(3,1-propanediyliminocarbonylimino-5,1,3-benzenetriyldiethylidyne)]tet
 rakis- (9CI)
 MF C47 H73 N31 O3
 CI COM

PAGE 1-A



PAGE 1-B

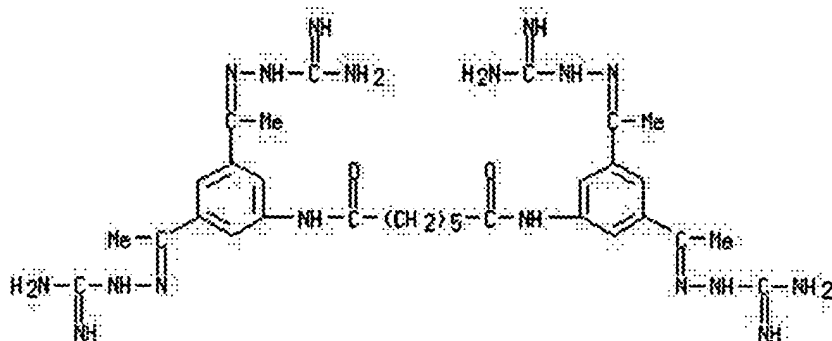


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L2 11 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Heptanediamide, N,N'-bis[3,5-bis[1-[(aminoiminomethyl)hydrazono]ethyl]phenyl]-, tetrahydrochloride (9CI)
 MF C31 H46 N18 O2 . 4 Cl H

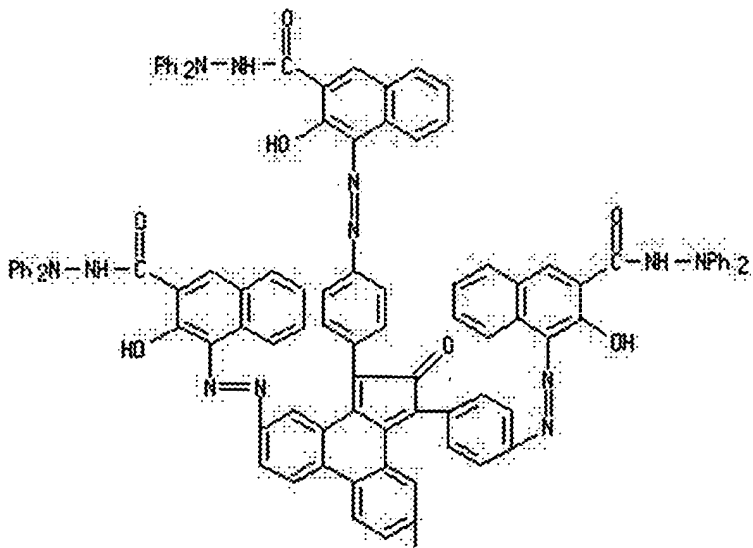


* 4 HCl

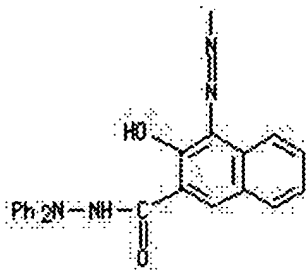
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L2 11 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 2-Naphthalenecarboxylic acid, 4,4'-[[5,10-bis[[3-[(2,2-diphenylhydrazino)carbonyl]-2-hydroxy-1-naphthalenyl]azo]-2-oxo-2H-cyclopenta[1]phenanthrene-1,3-diyl]bis(4,1-phenyleneazo)]bis[3-hydroxy-, bis(2,2-diphenylhydrazide) (9CI)
 MF C121 H82 N16 O9

PAGE 1-A



PAGE 2-A

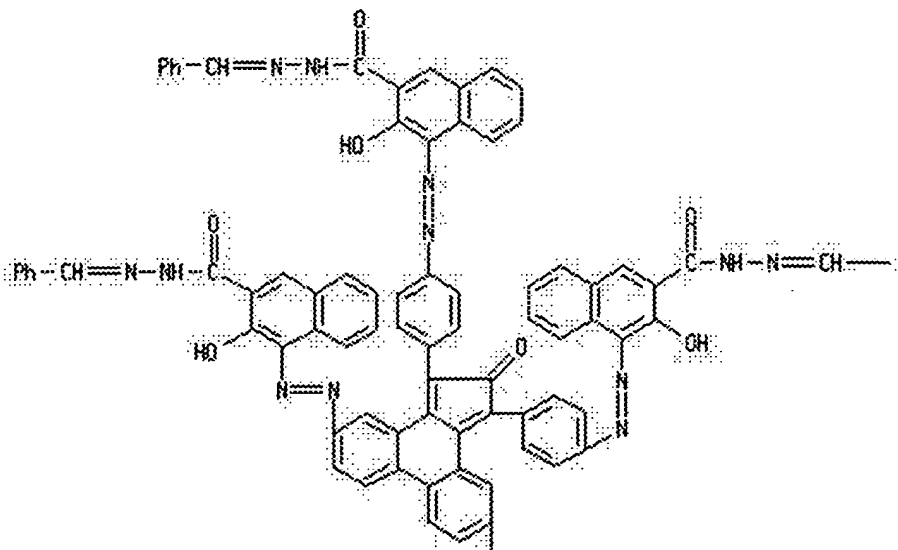


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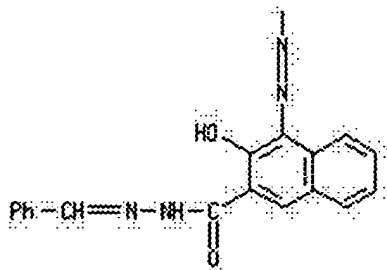
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L2 11 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 2-Naphthalenecarboxylic acid, 4,4'-[[5,10-bis[[2-hydroxy-3-
 [[(phenylmethylenesulfonyl)hydrazino]carbonyl]-1-naphthalenyl]azo]-2-oxo-2H-
 cyclopenta[1]phenanthrene-1,3-diyl]bis(4,1-phenyleneazo)]bis[3-hydroxy-,
 bis[(phenylmethylenesulfonyl)hydrazide] (9CI)
 MF C101 H66 N16 O9

PAGE 1-A



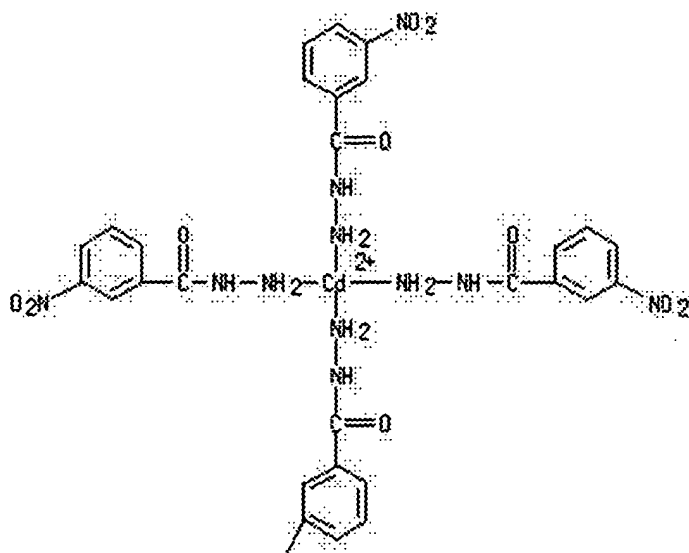
-Ph:



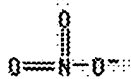
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L2 11 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN Cadmium(2+), tetrakis(3-nitrobenzoic acid hydrazide)-, (T-4)-, dinitrate
(9CI)
MF C28 H28 Cd N12 O12 . 2 N O3
CM 1



CM 2

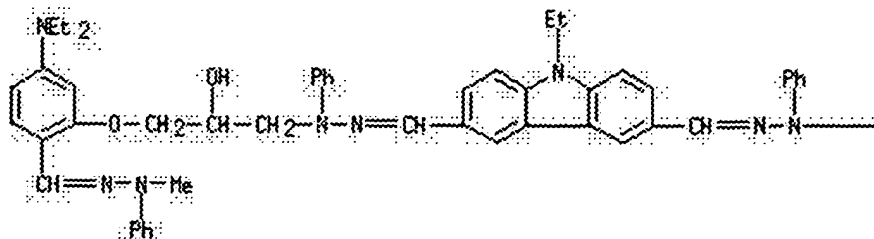


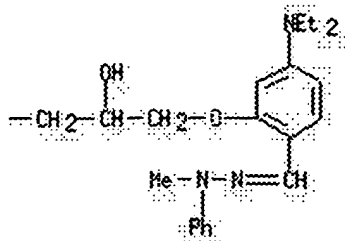
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L2 11 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN 9H-Carbazole-3,6-dicarboxaldehyde, 9-ethyl-, bis[[3-[5-(diethylamino)-2-[(methylphenylhydrazono)methyl]phenoxy]-2-hydroxypropyl]phenylhydrazone] (9CI)

MF C70 H79 N11 O4

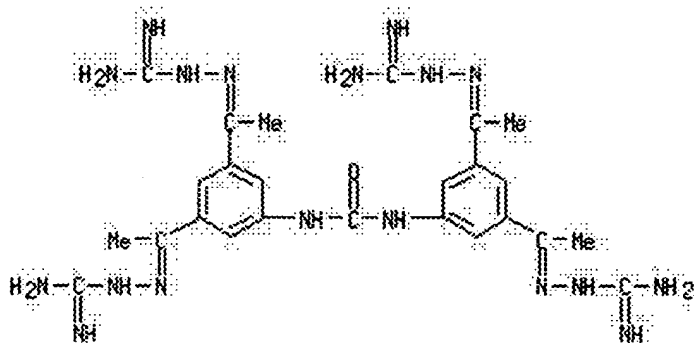




PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

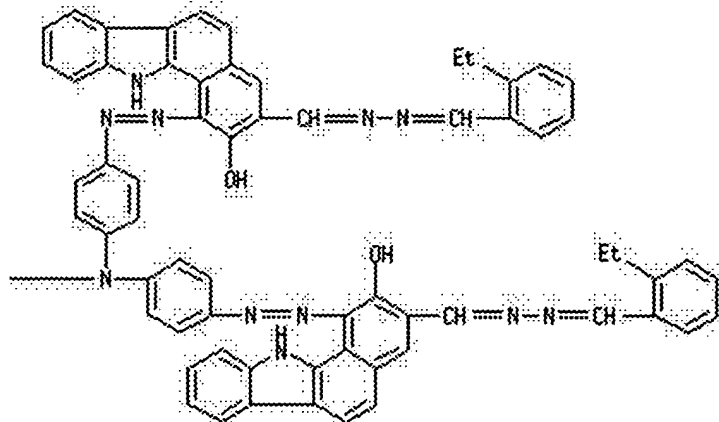
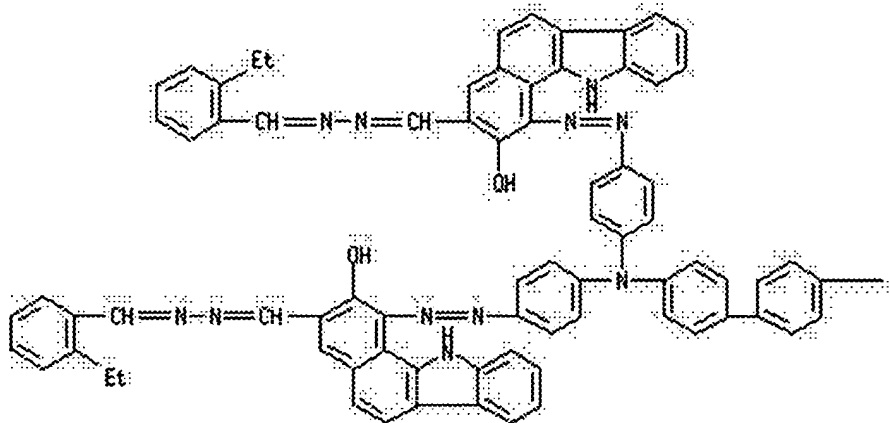
L2 11 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Hydrazinecarboximidamide, 2,2',2'',2'''-[carbonylbis(imino-5,1,3-benzenetriyldiethylidyne)]tetrakis-, heptahydrochloride (9CI)
 MF C25 H36 N18 O . 7 Cl H



* 7 HCl

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L2 11 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 11H-Benzo[a]carbazole-3-carboxaldehyde, 1,1',1'',1'''-[1,1'-biphenyl]-4,4'-diylbis[nitrilobis(4,1-phenyleneazo)]tetrakis[2-hydroxy-, tetrakis[(2-ethylphenyl)methylene]hydrazone] (9CI)
 MF C140 H104 N22 O4

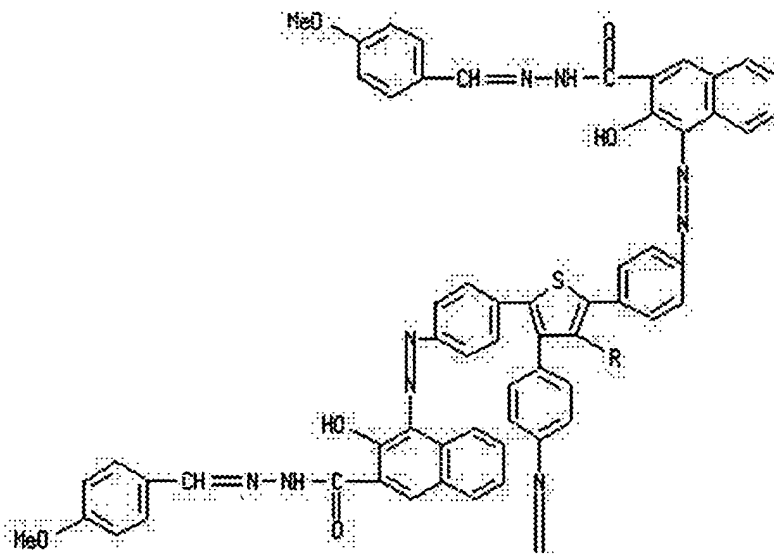


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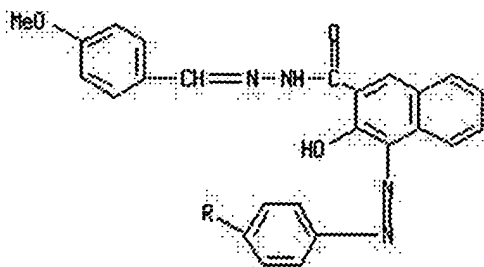
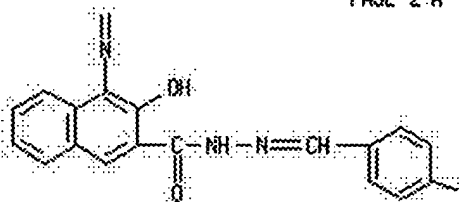
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L2 11 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 2-Naphthalenecarboxylic acid, 4,4',4'',4'''-[2,3,4,5-
 thiophenetetrayltetrakis(4,1-phenyleneazo)]tetrakis[3-hydroxy-,
 tetrakis[[4-methoxyphenyl)methylene]hydrazide] (9CI)
 MF C104 H76 N16 O12 S

PAGE 1-A



PAGE 2-A



PAGE 2-B

OH

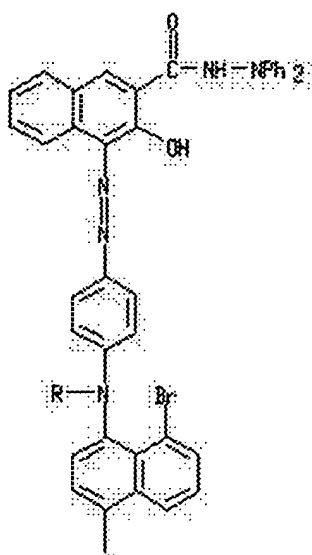
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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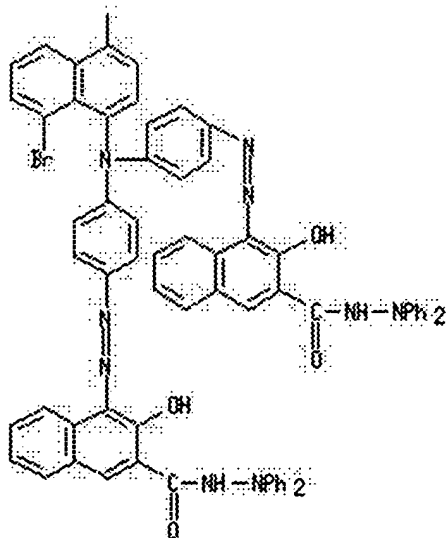
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

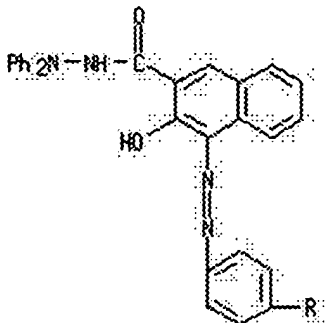
L2 11 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 2-Naphthalenecarboxylic acid, 4,4',4'',4'''-[(5,5'-dibromo[1,1'-
 binaphthalene]-4,4'-diyl)bis[nitrilobis(4,1-phenyleneazo)]] tetrakis[2-
 hydroxy-, tetrakis(2,2-diphenylhydrazide) (9CI)
 MF C136 H94 Br2 N18 O8

PAGE 1-A



PAGE 2-A





PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

3.08

3.29

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 06:57:17 ON 15 MAY 2006

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'REGISTRY' AT 06:58:14 ON 15 MAY 2006

FILE 'REGISTRY' ENTERED AT 06:58:14 ON 15 MAY 2006

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

3.08

3.29

=> log h

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

4.84

5.05

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 07:00:22 ON 15 MAY 2006

* * * * * RECONNECTED TO STN INTERNATIONAL * * * * *

SESSION RESUMED IN FILE 'REGISTRY' AT 07:04:20 ON 15 MAY 2006

FILE 'REGISTRY' ENTERED AT 07:04:20 ON 15 MAY 2006

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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

4.84

5.05

=>

Uploading structure

screen 1918

L3 SCREEN CREATED

=>

L4 STRUCTURE UPLOADED

=>

L5 QUE L4 NOT L3

=> s sam l5

SAMPLE SEARCH INITIATED 07:05:51 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 672 TO ITERATE

100.0% PROCESSED 672 ITERATIONS

9 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 11885 TO 14995

PROJECTED ANSWERS: 9 TO 360

L6 9 SEA SSS SAM L4 NOT L3

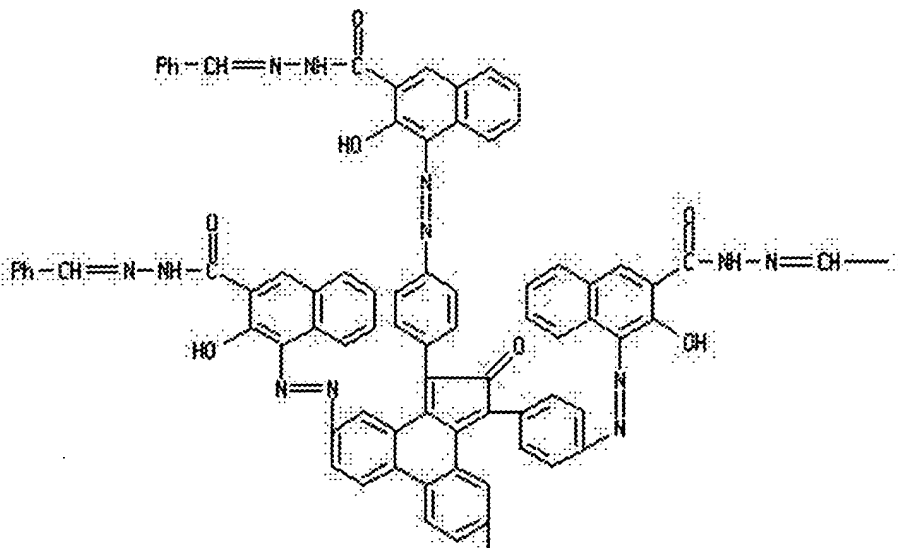
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L6 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

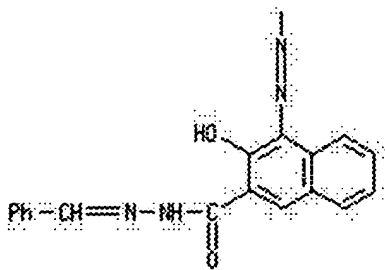
IN 2-Naphthalenecarboxylic acid, 4,4'-[[5,10-bis[[2-hydroxy-3-
 [(phenylmethylene)hydrazino]carbonyl]-1-naphthalenyl]azo]-2-oxo-2H-
 cyclopenta[1]phenanthrene-1,3-diyl]bis(4,1-phenyleneazo)]bis[3-hydroxy-,
 bis[(phenylmethylene)hydrazide] (9CI)

MF C101 H66 N16 O9

PAGE 1-A



—Ph:



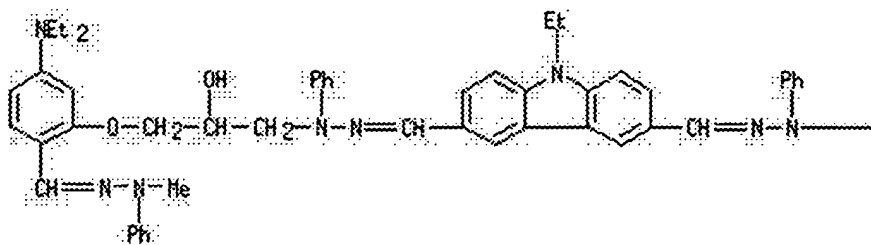
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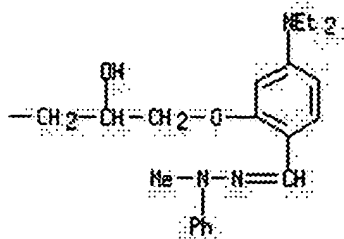
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L6 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN 9H-Carbazole-3,6-dicarboxaldehyde, 9-ethyl-, bis[[3-[5-(diethylamino)-2-[(methylphenylhydrazono)methyl]phenoxy]-2-hydroxypropyl]phenylhydrazone] (9CI)

MF C70 H79 N11 O4

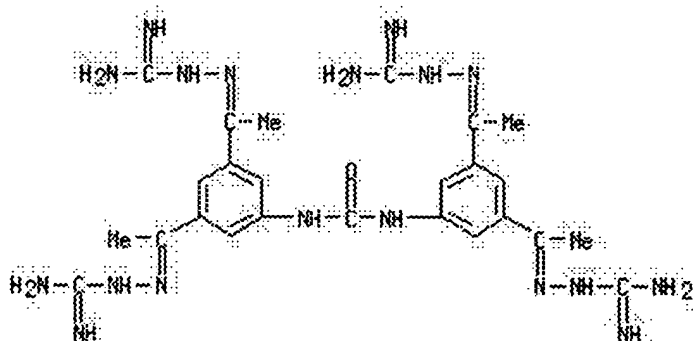




PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L6 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Hydrazinecarboximidamide, 2,2',2'',2'''-[carbonylbis(imino-5,1,3-benzenetriyldiethylidene)]tetrakis-, heptahydrochloride (9CI)
 MF C25 H36 N18 O . 7 Cl H

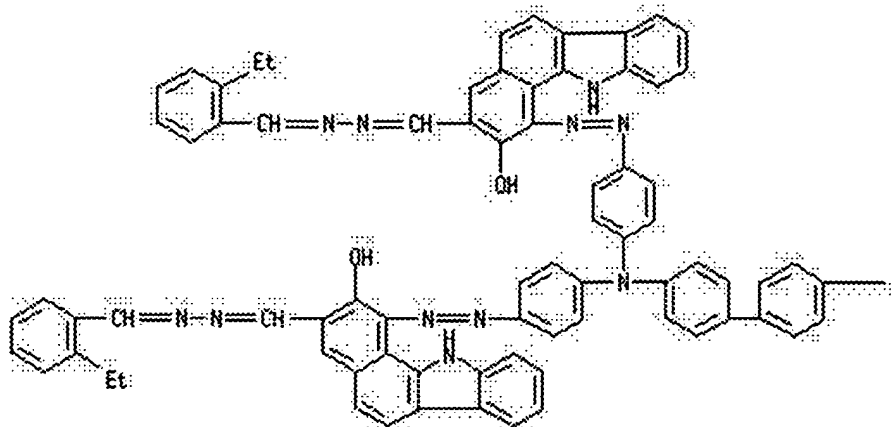


7 HCl

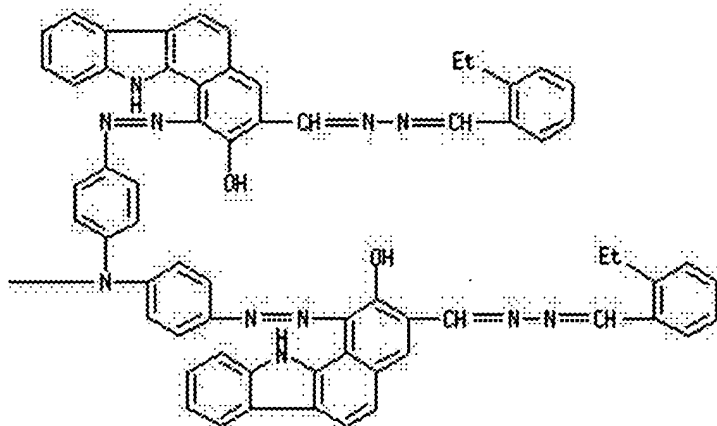
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L6 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 11H-Benzo[a]carbazole-3-carboxaldehyde, 1,1',1'',1'''-[[[1,1'-biphenyl]-4,4'-diylbis[nitrilobis(4,1-phenyleneazo)]]tetrakis[2-hydroxy-, tetrakis[[[2-ethylphenyl)methylene]hydrazone] (9CI)
 MF C140 H104 N22 O4

PAGE 1-A



PAGE 1-B

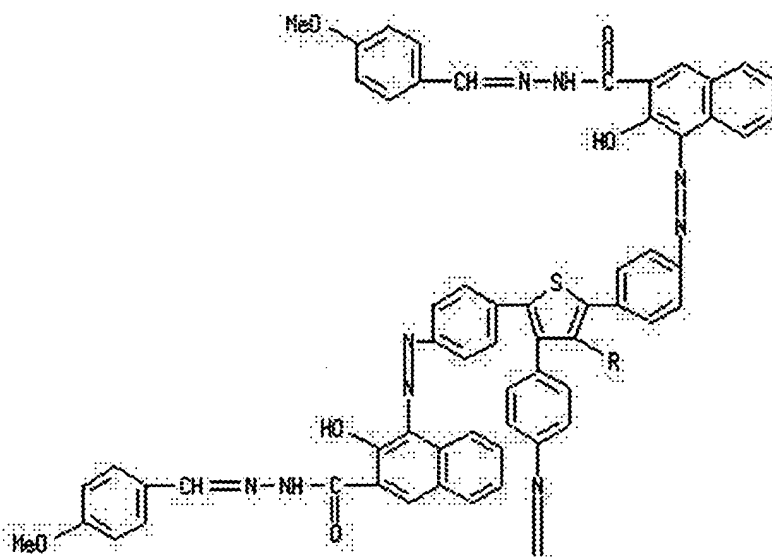


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

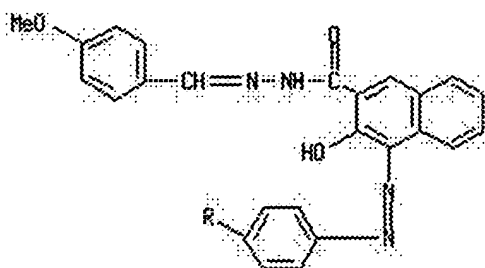
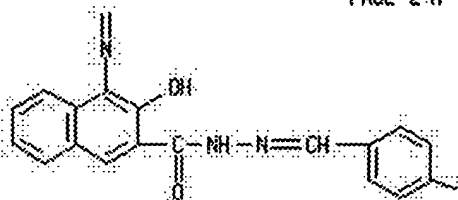
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L6 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 2-Naphthalenecarboxylic acid, 4,4',4'',4'''-[2,3,4,5-
 thiophenetetrayltetrakis(4,1-phenyleneazo)]tetrakis[3-hydroxy-,
 tetrakis[[(4-methoxyphenyl)methylene]hydrazide] (9CI)
 MF C104 H76 N16 O12 S

PAGE 1-A



PAGE 2-A



PAGE 2-B

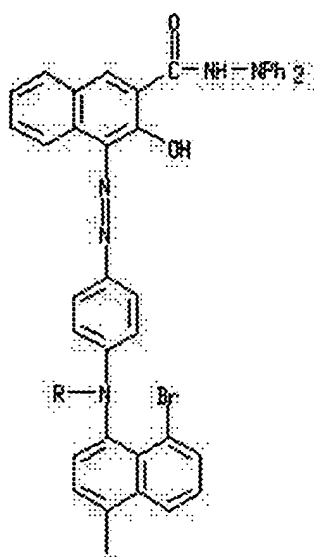
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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

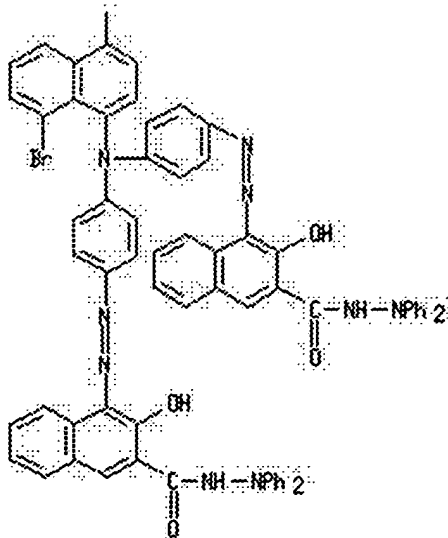
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

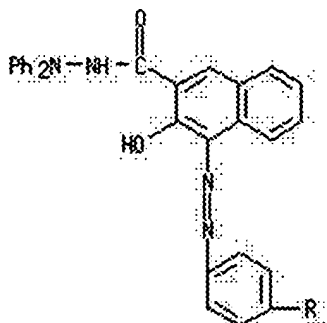
L6 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 2-Naphthalenecarboxylic acid, 4,4',4'',4'''-[(5,5'-dibromo[1,1'-
 binaphthalene]-4,4'-diyl)bis[nitrilobis(4,1-phenyleneazo)]]tetrakis[2-
 hydroxy-, tetrakis(2,2-diphenylhydrazide) (9CI)
 MF C136 H94 Br2 N18 O8

PAGE 1-A



PAGE 2-A

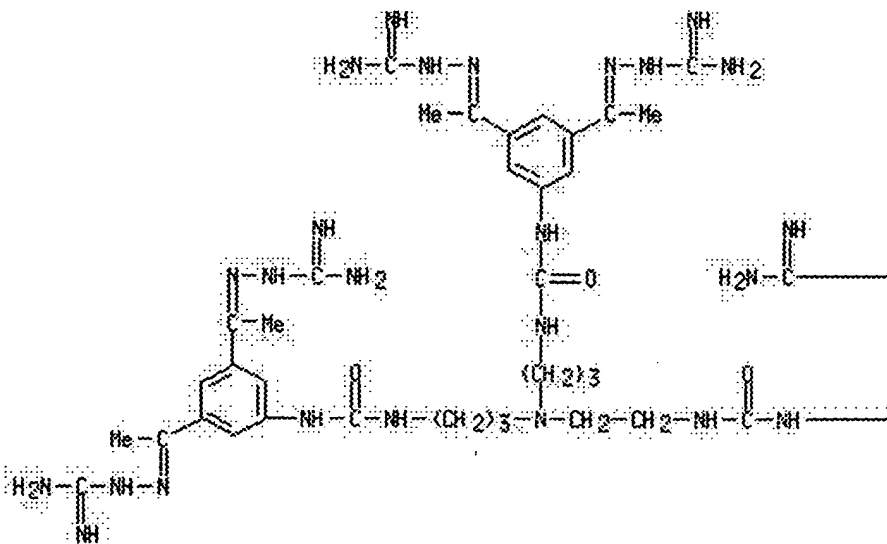


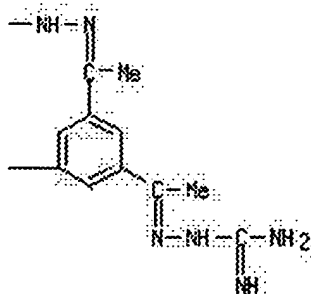


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L6 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Hydrazinecarboximidamide, 2,2',2'',2'''-[[[2-[[[3,5-bis[1-
 [(aminoiminomethyl)hydrazono]ethyl]phenyl]amino]carbonyl]amino]ethyl]imino
]bis(3,1-propanediyliminocarbonylimino-5,1,3-benzenetriyldiethylidyne)]tet
 rakis- (9CI)
 MF C47 H73 N31 O3
 CI COM

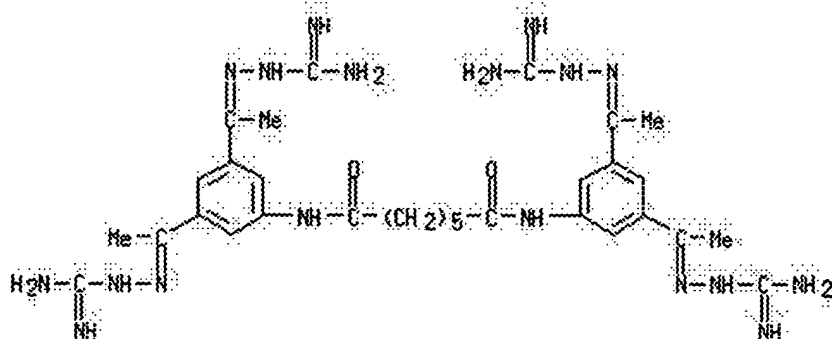




PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

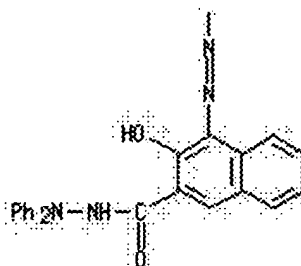
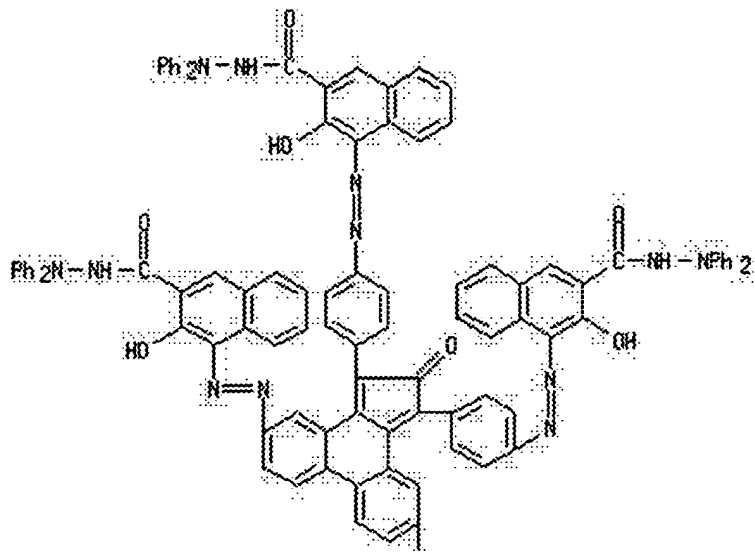
L6 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Heptanediamide, N,N'-bis[3,5-bis[1-[(aminoiminomethyl)hydrazono]ethyl]phenyl]-, tetrahydrochloride (9CI)
 MF C31 H46 N18 O2 . 4 Cl H



* 4 HCl

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L6 9 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 2-Naphthalenecarboxylic acid, 4,4'-[[5,10-bis[[3-[(2,2-diphenylhydrazino)carbonyl]-2-hydroxy-1-naphthalenyl]azo]-2-oxo-2H-cyclopenta[1]phenanthrene-1,3-diyl]bis(4,1-phenyleneazo)]bis[3-hydroxy-, bis(2,2-diphenylhydrazide) (9CI)
 MF C121 H82 N16 O9



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> d his

(FILE 'HOME' ENTERED AT 06:52:48 ON 15 MAY 2006)

FILE 'REGISTRY' ENTERED AT 06:53:03 ON 15 MAY 2006

L1 STRUCTURE UPLOADED
 L2 11 S SAM L1
 L3 SCREEN 1918
 L4 STRUCTURE UPLOADED
 L5 QUE L4 NOT L3
 L6 9 S SAM L5

=> s 15 sss full

FULL SEARCH INITIATED 07:09:50 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 13633 TO ITERATE

100.0% PROCESSED 13633 ITERATIONS
 SEARCH TIME: 00.00.01

169 ANSWERS

STN Columbus

L7 169 SEA SSS FUL L4 NOT L3

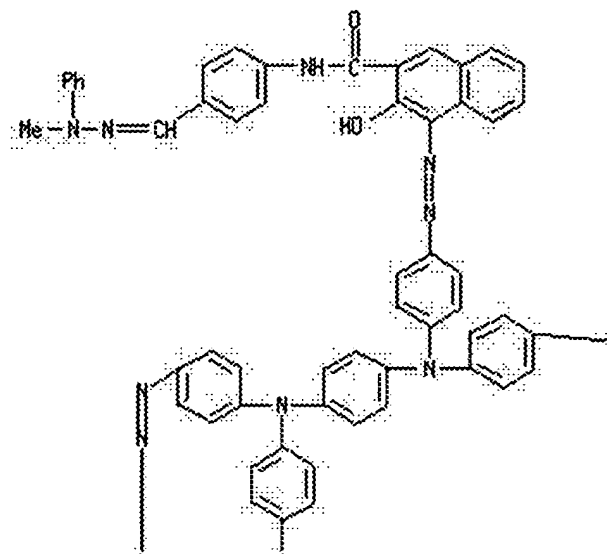
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L7 169 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

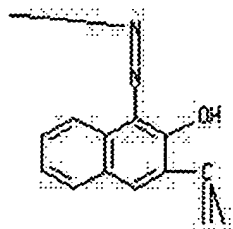
IN 2-Naphthalenecarboxamide, 4,4',4'',4'''-[1,4-phenylenebis[nitrilobis(4,1-phenyleneazo)]]tetrakis[3-hydroxy-N-[4-[(methylphenylhydrazono)methyl]phenyl)-(9CI)

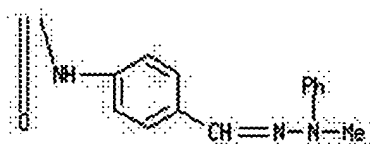
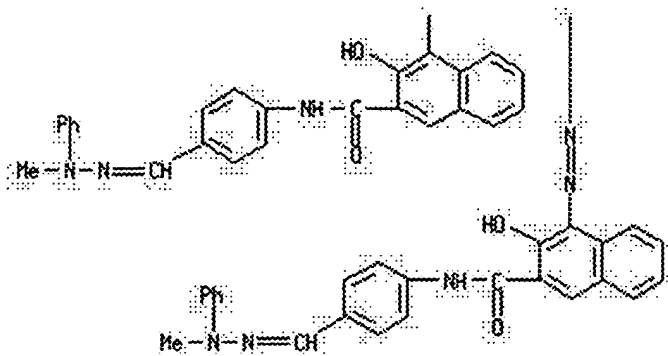
MF C130 H100 N22 O8

PAGE 1-A



PAGE 1-B

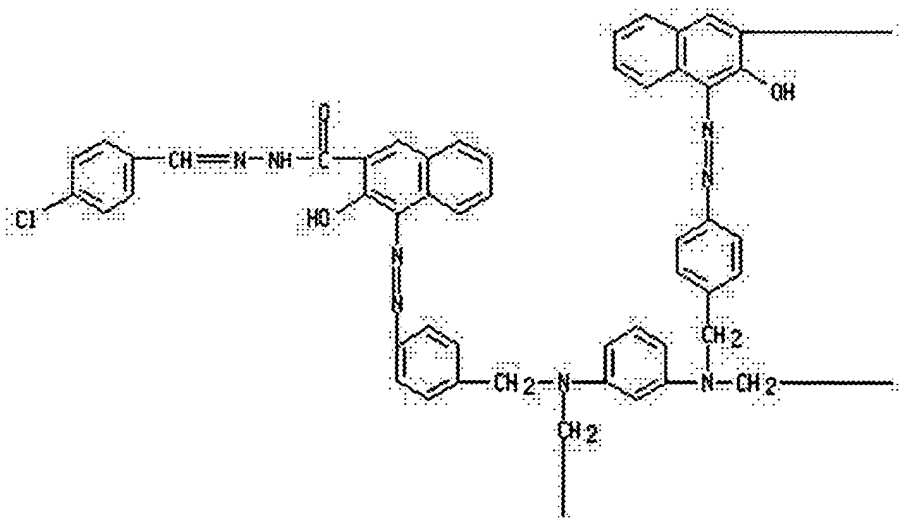




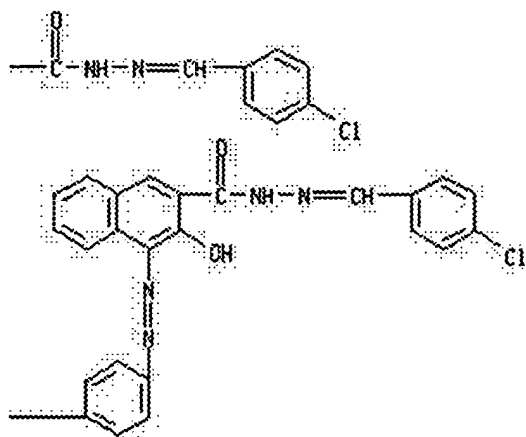
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HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

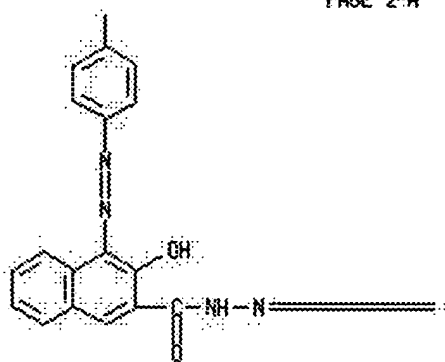
L7 169 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 2-Naphthalenecarboxylic acid, 4,4',4'',4'''-[1,3-phenylenebis[nitrilobis(methylene-4,1-phenyleneazo)]] tetrakis[3-hydroxy-, tetrakis[[4-chlorophenyl)methylene]hydrazide] (9CI)
 MF C106 H76 Cl4 N18 O8



PAGE 1-B



PAGE 2-A



PAGE 2-B

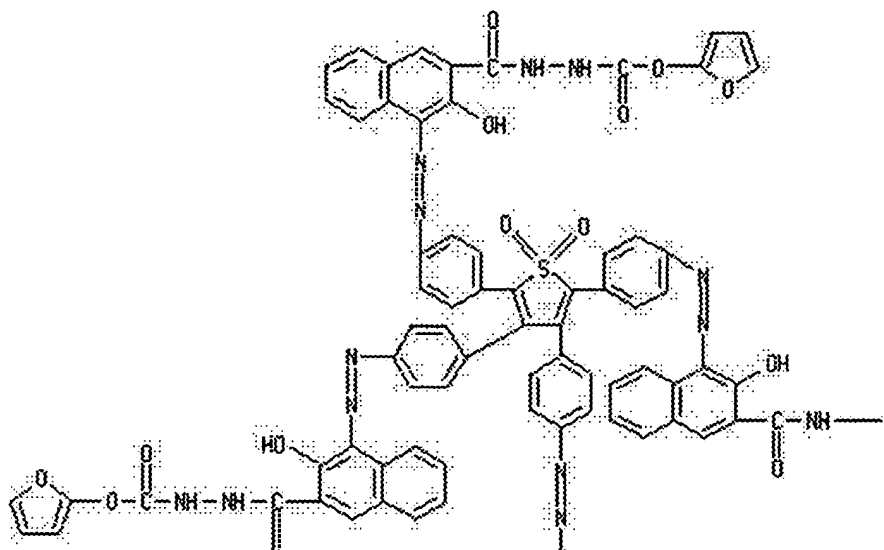


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

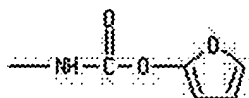
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L7 169 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Hydrazinecarboxylic acid, 2,2',2'',2'''-[(1,1-dioxido-2,3,4,5-
 thiophenetetrayl)tetrakis[4,1-phenyleneazo(2-hydroxy-1,3-
 naphthalenediyl)carbonyl]]tetrakis-, tetra-2-furanyl ester (9CI)
 MF C92 H60 N16 O22 S

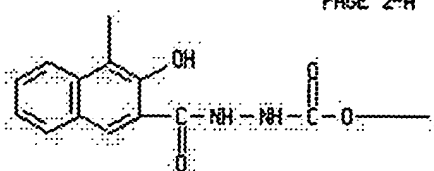
PAGE 1-A



PAGE 1-B



PAGE 2-A

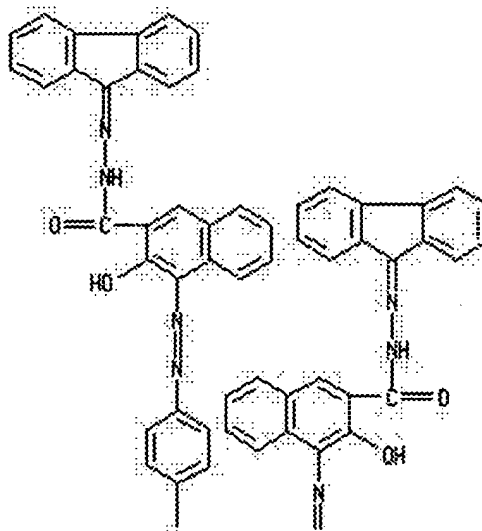




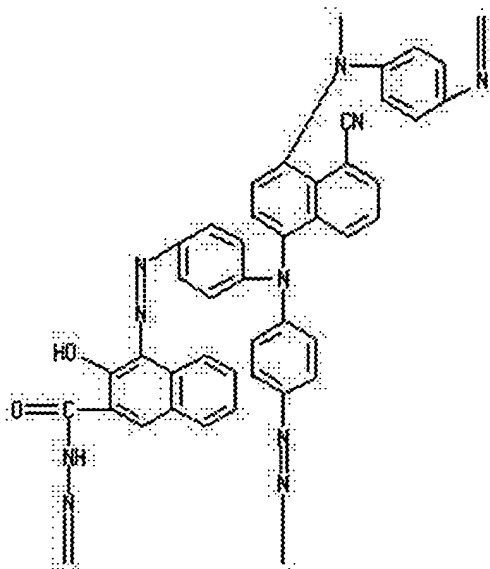
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

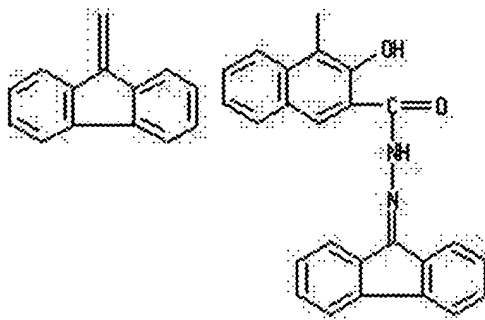
L7 169 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 2-Naphthalenecarboxylic acid, 4,4',4'',4'''-[(5-cyano-1,4-naphthalenediyl)bis[nitrilobis(4,1-phenyleneazo)]]tetrakis[3-hydroxy-,
 tetrakis(9H-fluoren-9-ylidenehydrazide) (9CI)
 MF C131 H81 N19 O8



PAGE 2-A



PAGE 3-A

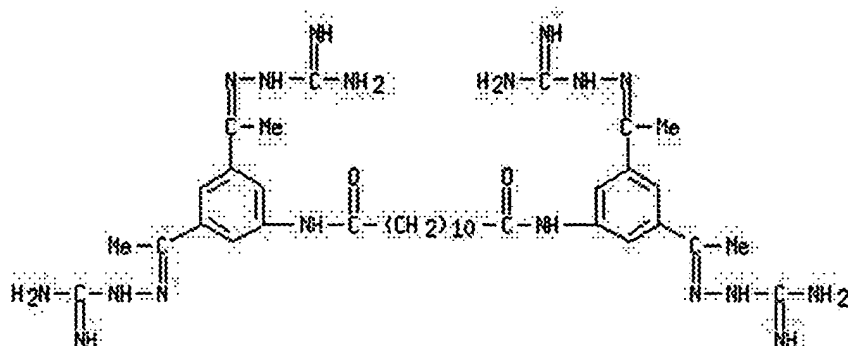


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L7 169 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Dodecanediamide, N,N'-bis[3,5-bis[1-[(aminoiminomethyl)hydrazono]ethyl]phenyl]-, tetrahydrochloride (9CI)
 MF C36 H56 N18 O2 . 4 Cl H

STN Columbus

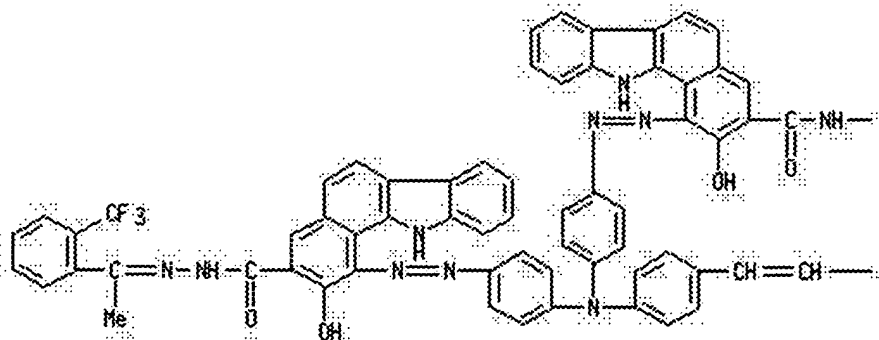


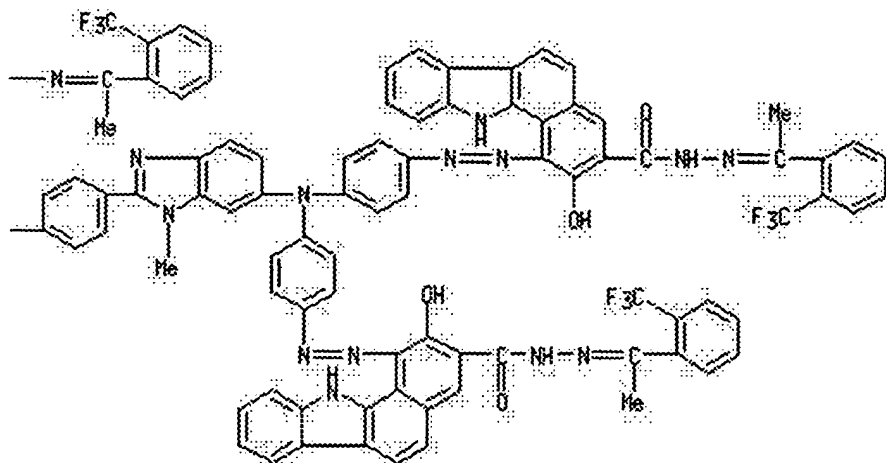
4 HCl

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L7 169 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 11H-Benzo[a]carbazole-3-carboxylic acid, 1,1'-[[[4-[2-[4-[6-[bis[4-[[2-hydroxy-3-[[[1-[2-(trifluoromethyl)phenyl]ethylidene]hydrazino]carbonyl]-11H-benzo[a]carbazol-1-yl]azo]phenyl]imino]-1-methyl-1H-benzimidazol-2-yl]phenyl]ethenyl]phenyl]imino]bis(4,1-phenyleneazo)]bis[2-hydroxy-, bis[[1-[2-(trifluoromethyl)phenyl]ethylidene]hydrazide] (9CI)
 MF C150 H100 F12 N24 O8

PAGE 1-A

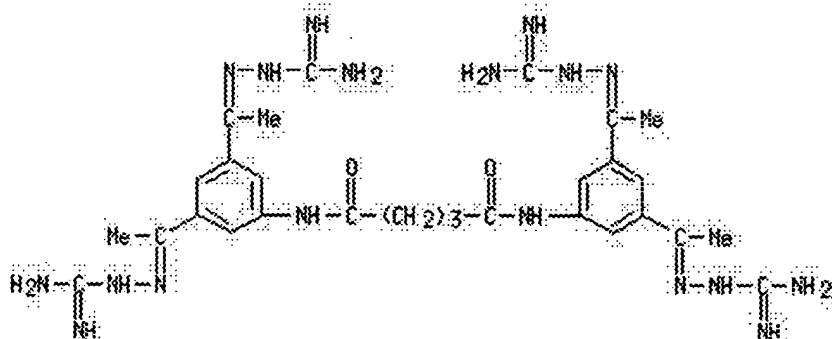




PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L7 169 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Pentanediamide, N,N'-bis[3,5-bis[1-[(aminoiminomethyl)hydrazono]ethyl]phenyl]- (9CI)
 MF C29 H42 N18 O2
 CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)end

=> d his

(FILE 'HOME' ENTERED AT 06:52:48 ON 15 MAY 2006)

FILE 'REGISTRY' ENTERED AT 06:53:03 ON 15 MAY 2006

L1 STRUCTURE UPLOADED
 L2 11 S SAM L1
 L3 SCREEN 1918

STN Columbus

L4 STRUCTURE UPLOADED
L5 QUE L4 NOT L3
L6 9 S SAM L5
L7 169 S L5 SSS FULL

=> fil ca; s 17

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	177.06	177.27

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FILE COVERS 1907 - 11 May 2006 VOL 144 ISS 21
FILE LAST UPDATED: 11 May 2006 (20060511/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

L8 109 L7

=> s 18 and ((charge (2a) (transport? or transfer?)) or electrophoto? or photoconduct? or photo:
468636 CHARGE
746226 TRANSPORT?
908522 TRANSFER?
96958 CHARGE (2A) (TRANSPORT? OR TRANSFER?)
68630 ELECTROPHOTO?
67719 PHOTOCONDUCT?
35612 PHOTORECEPT?
L9 31 L8 AND ((CHARGE (2A) (TRANSPORT? OR TRANSFER?)) OR ELECTROPHOTO?
OR PHOTOCONDUCT? OR PHOTORECEPT?)

=> d scan

L9 31 ANSWERS CA COPYRIGHT 2006 ACS on STN
IC ICM G03G005-06
CC 74-3 (Radiation Chemistry, Photochemistry, and Photographic and Other Reprographic Processes)
TI **Electrophotographic** charge-generating tetrakisazo pigments
ST **electrophotog** tetrakisazo charge generating pigment
IT **Electrophotographic photoconductors**
 (composite, contg. charge-generating tetrakisazo pigments, for improved sensitivity and voltage stability)
IT Azo compounds
RL: USES (Uses)

STN Columbus

(tetrakis-, **electrophotog.** charge-generating agents)

IT 92-77-3
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (coupling reaction of, with tetrazonium salts, **electrophotog.** charge-generating tetrakisazo pigments from)

IT 98094-34-9 98113-92-9 110573-29-0 110573-30-3 110573-31-4
 110573-32-5 110573-33-6 110573-34-7 110573-35-8 110573-36-9
 110573-37-0 110573-38-1 110573-39-2 110573-40-5
 110573-41-6 110573-42-7 110573-43-8
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 110573-62-1 110573-63-2 110573-64-3 110573-65-4
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 110573-71-2 110573-72-3 110573-73-4 110573-74-5 110573-75-6
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 110591-97-4 110591-98-5 110591-99-6 110592-00-2
 110592-01-3
 RL: USES (Uses)
 (**electrophotog.** charge-generating pigments)

IT 98094-32-7P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (prepn. and use of, as **electrophotog.** charge-generating pigments)

IT 98094-46-3
 RL: USES (Uses)
 (reaction of tetrazotized, **electrophotog.** charge-generating tetrakisazo pigments from)

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1)end

=> fil stnguide

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	12.48	189.75

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 AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: May 12, 2006 (20060512/UP).

=> FILE REG

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	1.02	190.77

FILE 'REGISTRY' ENTERED AT 07:23:52 ON 15 MAY 2006
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 provided by InfoChem.

STRUCTURE FILE UPDATES: 14 MAY 2006 HIGHEST RN 884198-07-6
 DICTIONARY FILE UPDATES: 14 MAY 2006 HIGHEST RN 884198-07-6

STN Columbus

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

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*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005. A new display format, IDERL, is now     *
* available and contains the CA role and document type information. *
*
*****
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Structure search iteration limits have been increased. See HELP SLIMITS
for details.

REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document. For information
on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading structure

L10 STRUCTURE UPLOADED

=> s l10 sub=17 sam

SAMPLE SUBSET SEARCH INITIATED 07:26:29 FILE 'REGISTRY'

SAMPLE SUBSET SCREEN SEARCH COMPLETED - 9 TO ITERATE

100.0% PROCESSED 9 ITERATIONS 7 ANSWERS
SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):	ONLINE	**COMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):	9 TO	360
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):	7 TO	298

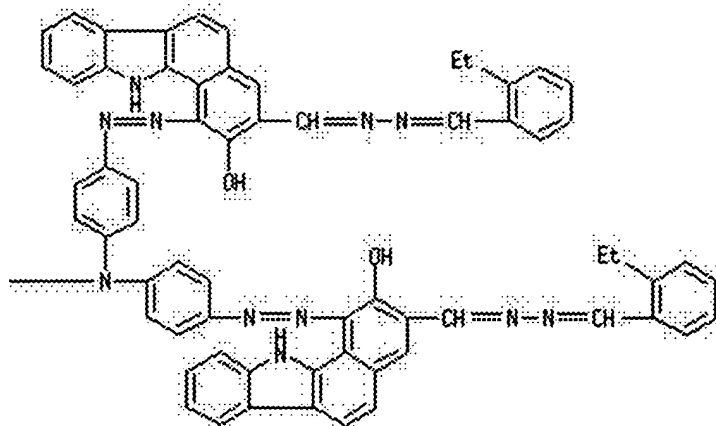
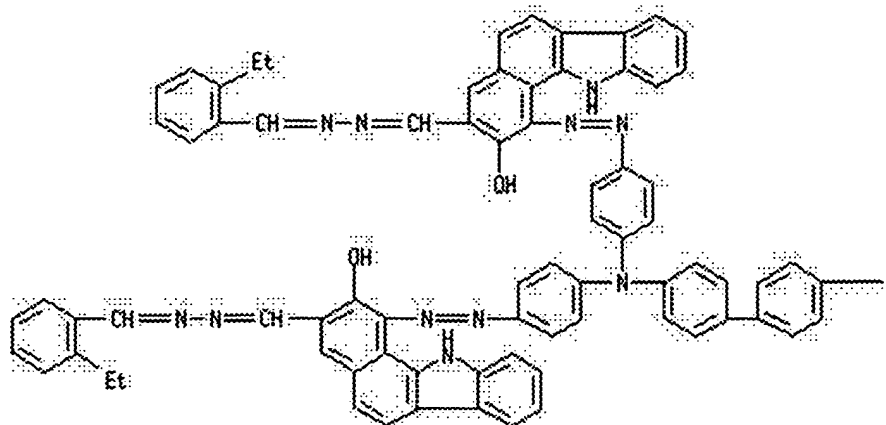
L11 7 SEA SUB=L7 SSS SAM L10

=> d scan

L11 7 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN 11H-Benzo[a]carbazole-3-carboxaldehyde, 1,1',1'',1'''-[[[1,1'-biphenyl]-
4,4'-diylbis[nitrilobis(4,1-phenyleneazo)]]tetrakis[2-hydroxy-,
tetrakis[[(2-ethylphenyl)methylene]hydrazone] (9CI)

MF C140 H104 N22 O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

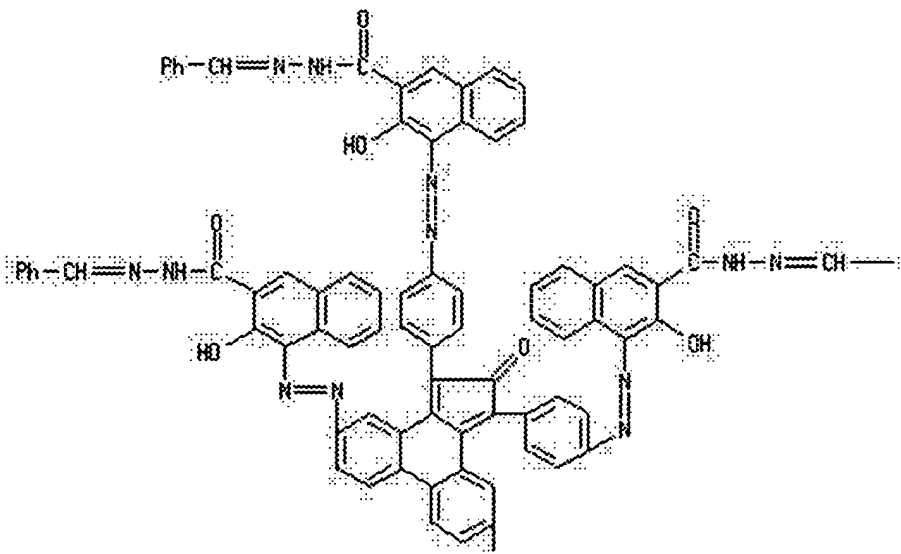
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L11 7 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN 2-Naphthalenecarboxylic acid, 4,4'-[[[5,10-bis[[2-hydroxy-3-
 [[(phenylmethylene)hydrazino]carbonyl]-1-naphthalenyl]azo]-2-oxo-2H-
 cyclopenta[1]phenanthrene-1,3-diyl]bis(4,1-phenyleneazo)]bis[3-hydroxy-,
 bis[(phenylmethylene)hydrazide] (9CI)

MF C101 H66 N16 O9

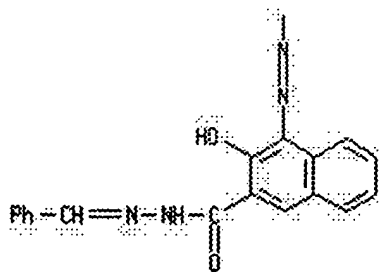
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—Ph

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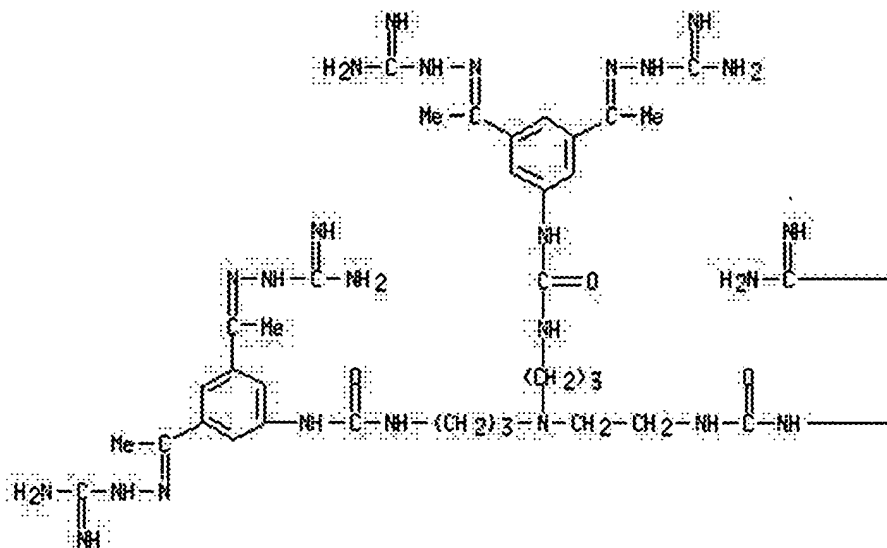
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

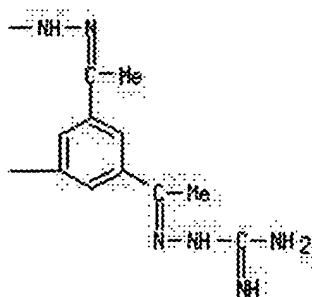
L11 7 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN Hydrazinecarboximidamide, 2,2',2'',2'''-[[[2-[[[3,5-bis[1-
 [(aminoiminomethyl)hydrazono]ethyl]phenyl]amino]carbonyl]amino]ethyl]imino
]bis(3,1-propanediyliminocarbonylimino-5,1,3-benzenetriyldiethylidyne)]tet

rakis- (9CI)
 MF C47 H73 N31 O3
 CI COM

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PAGE 1-B



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

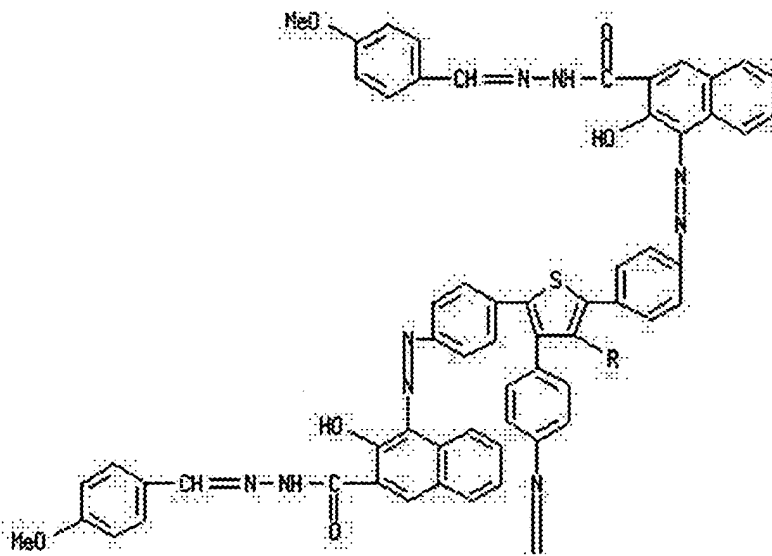
L11 7 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 2-Naphthalenecarboxylic acid, 4,4',4'',4'''-[2,3,4,5-

STN Columbus

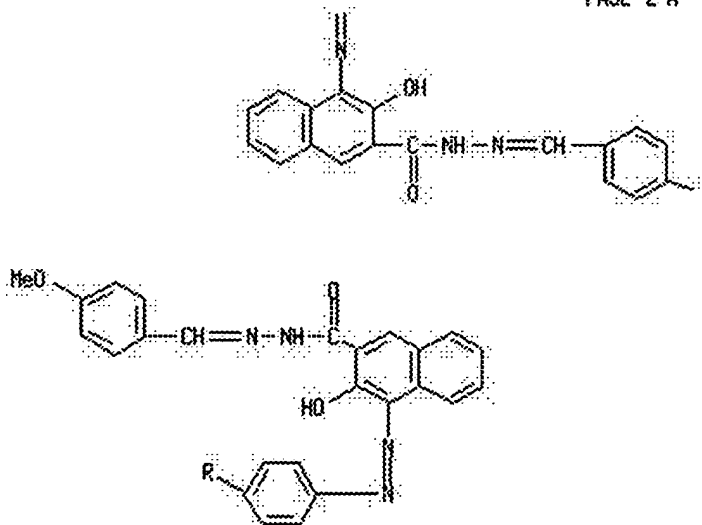
thiophenetetrayltetrakis(4,1-phenyleneazo)]tetrakis[3-hydroxy-,
tetrakis[[4-methoxyphenyl)methylene]hydrazide] (9CI)

MF C104 H76 N16 O12 S

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CH₃

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

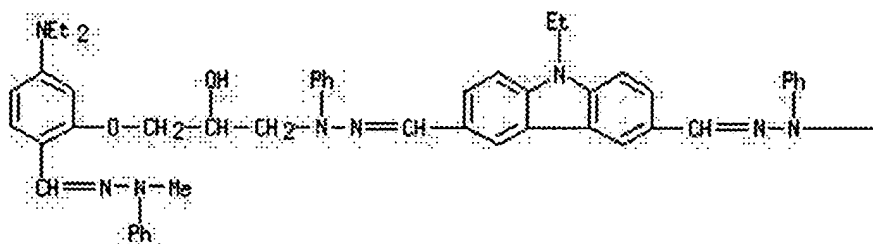
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L11 7 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

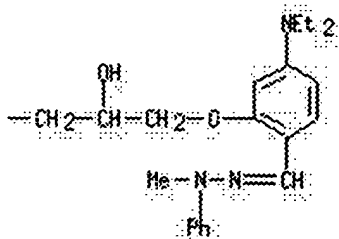
IN 9H-Carbazole-3,6-dicarboxaldehyde, 9-ethyl-, bis[[3-[5-(diethylamino)-2-
[(methylphenylhydrazono)methyl]phenoxy]-2-hydroxypropyl]phenylhydrazono]
(9CI)

MF C70 H79 N11 O4

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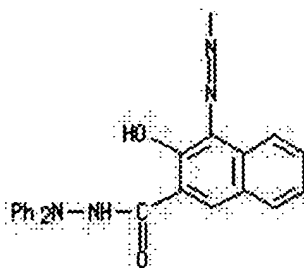
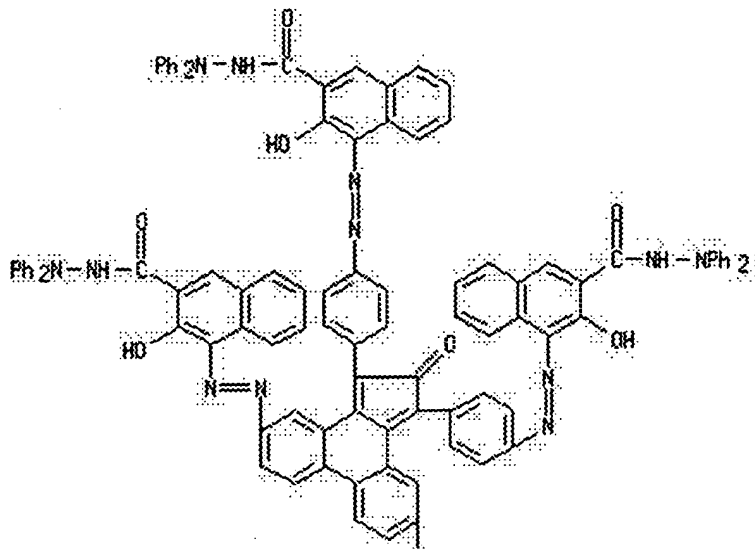
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

L11 7 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN 2-Naphthalenecarboxylic acid, 4,4'-[[5,10-bis[[3-[(2,2-diphenylhydrazino)carbonyl]-2-hydroxy-1-naphthalenyl]azo]-2-oxo-2H-cyclopenta[1]phenanthrene-1,3-diyl]bis(4,1-phenyleneazo)]bis[3-hydroxy-,
bis(2,2-diphenylhydrazide) (9CI)

MF C121 H82 N16 O9

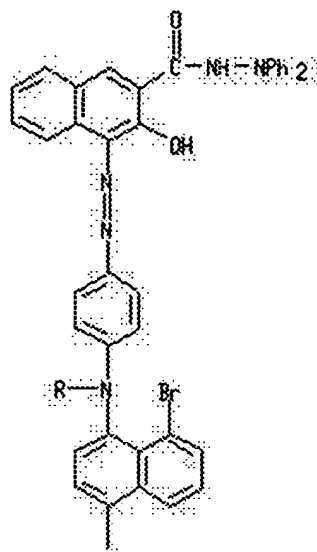


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

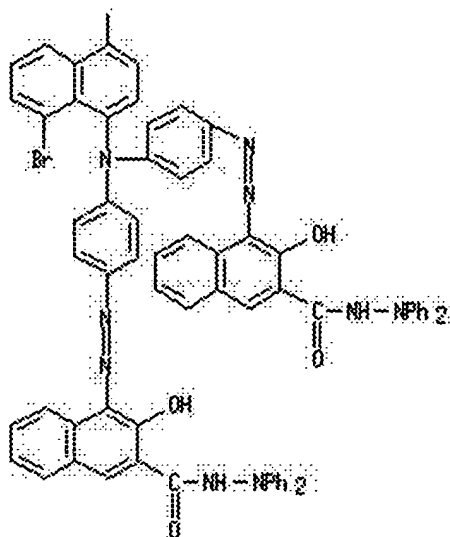
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1) .

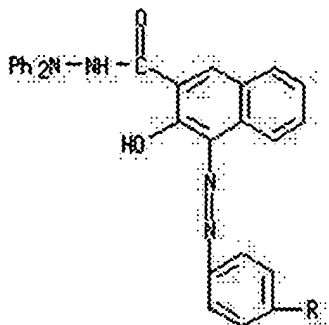
L11 7 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
 IN 2-Naphthalenecarboxylic acid, 4,4',4'',4'''-[(5,5'-dibromo[1,1'-
 binaphthalene]-4,4'-diyl)bis[nitrilobis(4,1-phenyleneazo)]]tetrakis[2-
 hydroxy-, tetrakis(2,2-diphenylhydrazide) (9CI)
 MF C136 H94 Br2 N18 O8

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> .

. IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.

For a list of commands available to you in the current file, enter

"HELP COMMANDS" at an arrow prompt (=>).

=> fil stnguide

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

3.96

194.73

FILE 'STNGUIDE' ENTERED AT 07:29:17 ON 15 MAY 2006

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: May 12, 2006 (20060512/UP).

=> FILE REG

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.42

195.15

FILE 'REGISTRY' ENTERED AT 07:33:38 ON 15 MAY 2006

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 14 MAY 2006 HIGHEST RN 884198-07-6

DICTIONARY FILE UPDATES: 14 MAY 2006 HIGHEST RN 884198-07-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

 *
 * The CA roles and document type information have been removed from *
 * the IDE default display format and the ED field has been added, *
 * effective March 20, 2005. A new display format, IDERL, is now *
 * available and contains the CA role and document type information. *
 *

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/ONLINE/UG/regprops.html>

=>

Uploading structure

L12 STRUCTURE UPLOADED

=> s l12 sub=17 sam

SAMPLE SUBSET SEARCH INITIATED 07:34:12 FILE 'REGISTRY'

SAMPLE SUBSET SCREEN SEARCH COMPLETED - 9 TO ITERATE

100.0% PROCESSED 9 ITERATIONS

1 ANSWERS

SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET):	ONLINE	**COMPLETE**
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET):	9 TO	360
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET):	1 TO	80

L13 1 SEA SUB=L7 SSS SAM L12

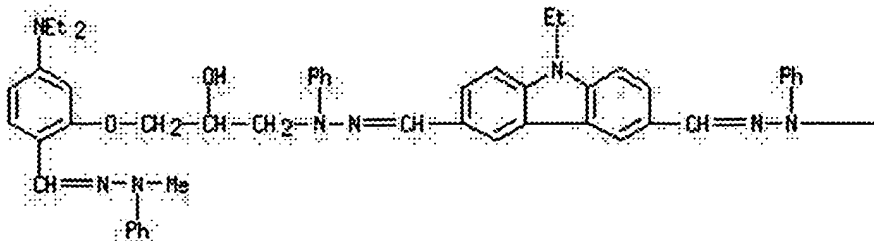
=> d scan

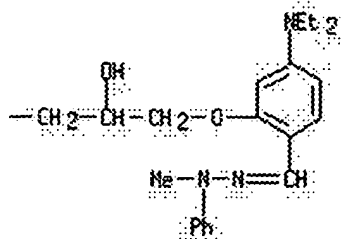
L13 1 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN 9H-Carbazole-3,6-dicarboxaldehyde, 9-ethyl-, bis[[3-[5-(diethylamino)-2-
 [(methylphenylhydrazono)methyl]phenoxy]-2-hydroxypropyl]phenylhydrazono]
 (9CI)

MF C70 H79 N11 O4

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> s l12 sub=17 sss full

FULL SUBSET SEARCH INITIATED 07:34:57 FILE 'REGISTRY'

FULL SUBSET SCREEN SEARCH COMPLETED - 169 TO ITERATE

100.0% PROCESSED 169 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

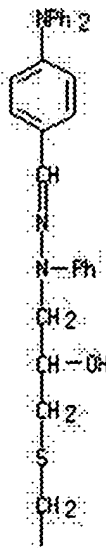
L14 3 SEA SUB=L7 SSS FUL L12

=> d scan

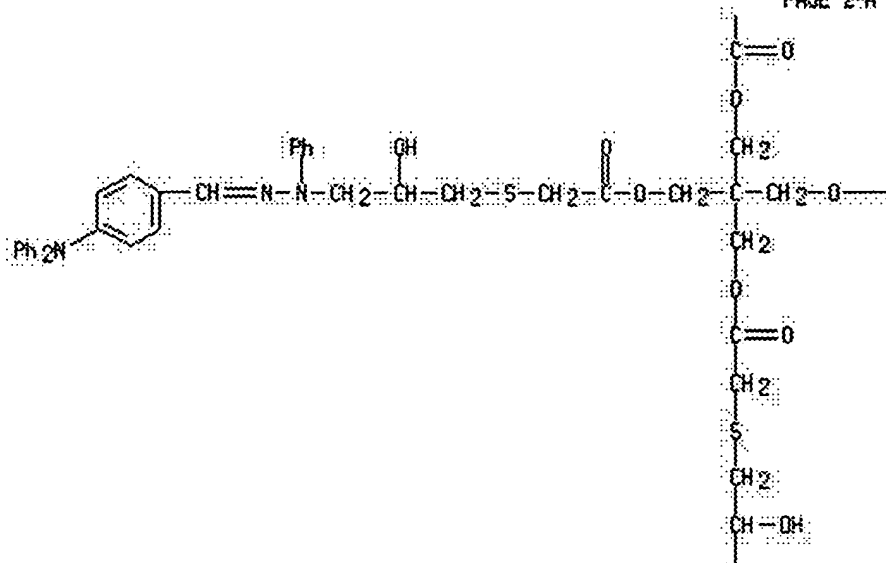
L14 3 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN Acetic acid, [[3-[[[4-(diphenylamino)phenyl]methylene]phenylhydrazino]-2-hydroxypropyl]thio]-, 2,2-bis[[[[3-[[[4-(diphenylamino)phenyl]methylene]phenylhydrazino]-2-hydroxypropyl]thio]acetyl]oxy]methyl]-1,3-propanediyl ester (9CI)

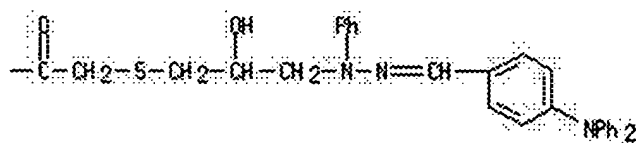
MF C125 H120 N12 O12 S4



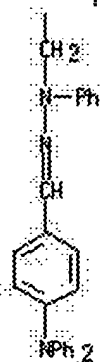
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PAGE 2-B



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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

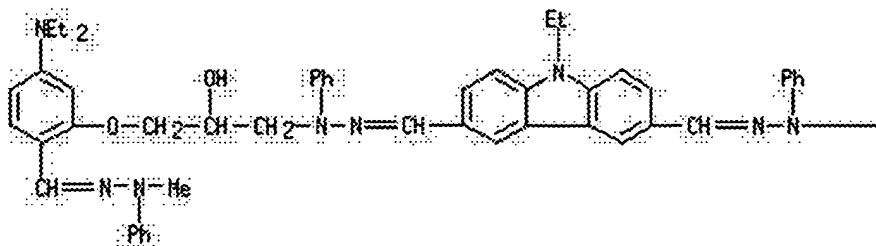
L14 3 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN
IN 9H-Carbazole-3,6-dicarboxaldehyde, 9-ethyl-, bis[[3-[5-(diethylamino)-2-

STN Columbus

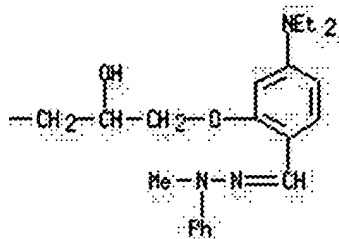
[(methylphenylhydrazono)methyl]phenoxy]-2-hydroxypropyl]phenylhydrazone]
(9CI)

MF C70 H79 N11 O4

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

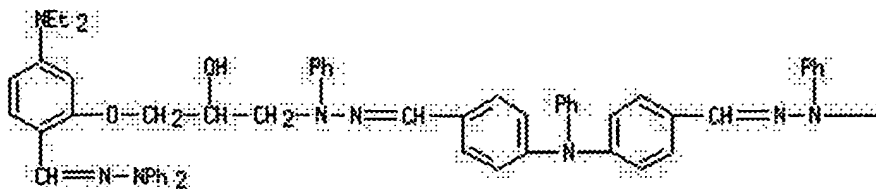
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

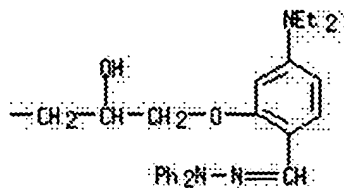
L14 3 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN Benzaldehyde, 4,4'-(phenylimino)bis-, bis[[3-[5-(diethylamino)-2-
[(diphenylhydrazono)methyl]phenoxy]-2-hydroxypropyl]phenylhydrazone] (9CI)

MF C84 H85 N11 O4

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PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> fil ca

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

40.72

235.87

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FILE COVERS 1907 - 11 May 2006 VOL 144 ISS 21

FILE LAST UPDATED: 11 May 2006 (20060511/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 06:52:48 ON 15 MAY 2006)

FILE 'REGISTRY' ENTERED AT 06:53:03 ON 15 MAY 2006

L1 STRUCTURE UPLOADED
L2 11 S SAM L1
L3 SCREEN 1918
L4 STRUCTURE UPLOADED
L5 QUE L4 NOT L3
L6 9 S SAM L5
L7 169 S L5 SSS FULL

FILE 'CA' ENTERED AT 07:11:50 ON 15 MAY 2006

L8 109 S L7
L9 31 S L8 AND ((CHARGE (2A) (TRANSPORT? OR TRANSFER?)) OR ELECTROPHO

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